

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete If Known

Application Number	10/645,932
Filing Date	August 20, 2003
First Named Inventor	Luo, Mei
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	015114-067900US

U.S. PATENT DOCUMENTS*

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
A1	0001	US-4,719,369	01-12-1988	Asano et al.	
	0002	US-4,954,729	09-04-1990	Urai	
	0003	US-5,111,081	05-05-1992	Atallah	
	0004	US-5,134,311	07-28-1992	Biber et al.	
	0005	US-5,184,663	11-17-1992	Alcom	
	0006	US-5,179,300	01-12-1993	Rolandi et al.	
	0007	US-5,359,235	10-25-1994	Coyle et al.	
	0008	US-5,374,861	12-20-1994	Kubista	
	0009	US-5,592,510	01-07-1997	Van Brunt et al.	
	0010	US-5,602,494	02-11-1997	Sundstrom	
	0011	US-5,623,216	04-22-1997	Penza et al.	
	0012	US-5,726,582	03-10-1998	Hedberg	
	0013	US-5,726,583	03-10-1998	Kaplinsky	
	0014	US-5,764,080	06-09-1998	Huang et al.	
	0015	US-5,864,715	01-26-1999	Zani et al.	
	0016	US-5,939,896	08-17-1999	Hedberg	
	0017	US-5,955,911	09-21-1999	Drost et al.	
	0018	US-5,970,255	10-19-1999	Tran et al.	
	0019	US-6,008,665	12-28-1999	Kalb et al.	
	0020	US-6,026,456	02-15-2000	Ilkbahar	
	0021	US-6,037,798	03-14-2000	Hedberg	
	0022	US-6,049,255	04-11-2000	Hagberg et al.	
	0023	US-6,064,224	05-16-2000	Esch, Jr. et al.	
	0024	US-6,087,847	07-11-2000	Mooney et al.	
	0025	US-6,097,208	08-01-2000	Okajima et al.	
	0026	US-6,100,713	08-08-2000	Kalb et al.	
	0027	US-6,118,310	09-12-2000	Esch, Jr.	
	0028	US-6,147,520	11-14-2000	Kothandaraman et al.	
	0029	US-6,154,060	11-28-2000	Morriss	
	0030	US-6,157,206	12-05-2000	Taylor et al.	
	0031	US-6,181,157 B1	01-30-2001	Fiedler	
	0032	US-6,236,231 B1	05-22-2001	Nguyen	
	0033	US-6,252,419 B1	08-26-2001	Sung et al.	

Examiner
SignatureDate
Considered

12/17/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete If Known		
			Application Number	10/645,932	
			Filing Date	August 20, 2003	
			First Named Inventor	Luo, Mei	
			Art Unit	To Be Assigned	
Examiner Name	To Be Assigned				
Sheet	2	of	3	Attorney Docket Number	015114-067900US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
At	0034	US-6,329,836 B1	12-11-2001	Drost et al.	
	0035	US-6,356,106 B1	03-12-2002	Greeff et al.	
	0036	US-6,382,644 B1	03-26-2002	Jeffrey et al.	
	0037	US-6,366,128 B1	04-02-2002	Ghia et al.	
	0038	US-6,411,126 B1	06-25-2002	Tinsley et al.	
	0039	US-6,414,512 B1	07-02-2002	Moyer	
	0040	US-6,424,169 B1	07-23-2002	Partow et al.	
	0041	US-6,433,579 B1	08-13-2002	Wang et al.	
	0042	US-6,445,245 B1	09-03-2002	Schultz et al.	
	0043	US-6,448,813 B2	09-10-2002	Garlepp et al.	
	0044	US-6,466,063 B2	10-15-2002	Chen	
	0045	US-6,586,964 B1	07-01-2003	Kent et al.	
	0046	US-6,590,413 B1	07-08-2003	Yang	
	0047	US-6,603,329 B1	08-05-2003	Wang et al.	
	0048	US-6,639,397 B2	10-28-2003	Roth et al.	
	0049	US-6,642,741 B2	11-04-2003	Metz et al.	
	0050	US 2002/0010853 A1	01-24-2002	Trimberger et al.	
	0051	US 2002/0060602 A1	05-23-2002	Ghia et al.	
	0052	US 2002/0101278 A1	08-01-2002	Schultz et al.	
	0053	US 2003/0062922 A1	04-03-2003	Douglass et al.	
	0054	US 2004/0008054 A1	01-15-2004	Lesea et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (If known)				
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature		Date Considered	12/17/04
-----------------------	---	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60161656 v1

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/645,932	
			Filing Date	August 20, 2003	
			First Named Inventor	Luo, Mei	
			Art Unit	To Be Assigned	
			Examiner Name	To Be Assigned	
Sheet	3	of	3	Attorney Docket Number	015114-067900US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
AT	0055	Altera, Apex 20K "Programmable Logic Device Family," Altera Corporation, Ver. 1.1, May 2001		
	0056	Altera, Apex II "Programmable Logic Device Family," Altera Corporation, Ver. 1.1, May 2001		
	0057	Bendak, M. et al. (1996). "CMOS VLSI Implementation of Gigabyte/second computer network links," Dept. of Electrical and Computer Engineering, University of California at San Diego, La Jolla, CA 92093-0407, IEEE International Symposium on Circuits and Systems pp.269-272.		
	0058	Boni, A. et al. (2001). "LVDS I/O Interface for Gb/s-per-Pin Operation in 0.35-um CMOS," IEEE Journal of Solid-State Circuits, 36(4):708-711.		
	0059	Esch and Manley, Theory and Design of CMOS HSTL I/O Pads, The Hewlett Packard Journal, Aug, 1998		
	0060	Xilinx, "Spartan-3 1.2V FPGA Family: Functional Description," Xilinx, DS099-2 (v1.2) July 11, 2003		
	0061	Xilinx, "Virtex-II 1.5V Field Programmable Gate Arrays," Xilinx, DS03102 (v1.5), Apr. 2, 2001		
	0062	Xilinx, "Virtex-II Platform FPGAs: Detailed Description," Xilinx, DS031-2 (v3.1) October 14, 2003		
LD	0063	Xilinx, "Virtex-II Pro Platform FPGAs: Functional Description," Xilinx, DS083-2 (v2.9) October 14, 2003		

Examiner Signature		Date Considered	12/17/04
-----------------------	---	--------------------	----------

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/645,932
Filing Date	August 20, 2003
First Named Inventor	Luo, Mei
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	015114-067900US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AT	0001	US-6,489,837	B2	12-03-2002	Schultz et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60068558 v1